

NONPROVISIONAL PATENT  
APPLICATION TRANSMITTAL RULE §1.53(b)  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Customer No. 004372  
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Docket No. 108384-00041  
Date: February 7, 2002

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Transmitted herewith for filing under 37 C.F.R. §1.53(b) is a nonprovisional patent application:

For (Title): SURFACE TREATED COPPER FOIL, ELECTRODEPOSITED COPPER  
FOIL WITH CARRIER, MANUFACTURE METHOD FOR  
ELETRODEPOSITED COPPER FOIL WITH CARRIER, AND COPPER  
CLAD LAMINATE

By (Inventors): Takuya YAMAMOTO, Takashi KATAOKA, Yutaka HIRASAWA, Naotomi  
TAKAHASHI

- ☒ 96 pages of Specification/Claims 1-25/Abstract are attached.  
☒ Formal drawings (Figs). 1-18; 18 sheets are attached.  
☒ A Declaration and Power of Attorney is attached.  
☒ An assignment of the invention to Mitsui Mining & Smelting Co. Ltd. is attached, along with Form  
PTO-1595 and a check for \$40.00.  
☒ A Preliminary Amendment is attached.  
☐ Priority of foreign application No. \_\_\_\_\_ filed \_\_\_\_\_ in \_\_\_\_\_ is claimed under 35 U.S.C. §119.  
☐ A certified copy of the above corresponding foreign application is attached.

The filing fee is calculated below and includes claim status after entry of any Preliminary  
Amendment noted above:

|  |           |           | SMALL ENTITY |        | OR | LARGE ENTITY |         |
|--|-----------|-----------|--------------|--------|----|--------------|---------|
| FOR:   | NO. FILED | NO. EXTRA | RATE         | FEE    |    | RATE         | FEE     |
| BASIC FEE  |           |           |              | \$ 370 | OR |              | \$ 740  |
| TOTAL CLAIMS                                       | 25 - 20   | = 5       | x 9 =        | \$     | OR | x 18         | \$ 90   |
| INDEP CLAIMS                                       | 17 - 3    | = 14      | x 42 =       | \$     | OR | x 84         | \$ 1176 |
| <input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS |           |           | +140 =       | \$     | OR | +280         | \$ 0    |
|  |           |           | TOTAL        | \$     | OR | TOTAL        | \$ 2006 |

- ☒ A check in the amount of 2046.00 (2006.00 for the filing fee and 40.00 for the Assignment  
Recordation Fee) is attached. Please charge any fee deficiency or credit any overpayment to  
Deposit Account No. 01-2300.

Respectfully submitted,

Robert B. Murray  
Registration No. 22,980

RBM/aam